

drive section and a position where said first drive section is retracted to an opposite side from said second drive section.

Claim 4 (Original): A chuck device as described in claim 3 wherein a first roller that comes into contact with said cam surface of said arm drive cam is disposed on said first drive section.

Claim 5 (Original): A chuck device as described in claim 3 wherein:
a roller shaft parallel to said arm shaft is disposed on said first drive section; and
on said roller shaft, there is disposed a first roller coming into contact with said cam surface of said arm drive cam, and a second roller coming into contact with said second drive section.

Claim 6 (Previously Presented): A chuck device as described in claim 3 wherein a support section is disposed on said cam surface of said arm drive cam to support said first drive section at said position pushed out toward said second drive section.

Claim 7 (Previously Presented): A chuck device as described in claim 1 wherein said coupling mechanism comprises a cam mechanism to convert rotation motion of said first drive section to rotation motion of said second drive section.

Claim 20 (Currently Amended): ~~A chuck device as described in claim 18~~
~~wherein:~~ In a chuck device wherein a chuck claw is removably mounted on an end of an
arm driven to perform a grasping action,

a chuck device wherein:

a cylindrically indented bearing surface is disposed on said arm;

a holding piece equipped with a cylindrical outer perimeter surface curved along
said bearing surface is disposed on said bearing surface using a bolt;

a chuck bearing is disposed on said arm to receive reaction generated on said chuck
claw during said grasping action;

said bearing surface is formed to connect with a side of said chuck bearing section
that comes into contact with said chuck claw;

said bolt is set up to attach to said bearing surface in such a direction that, going
toward a rear end of said arm, said bolt extends from said bearing surface toward a back
surface relative to a side of said arm in contact with said chuck claw; and

an attachment base curved along said bearing surface and capable of being inserted
between said support piece and said bearing surface disposed on said chuck claw.

Claim 21 (Currently Amended): ~~A chuck device as described in claim 20~~
~~wherein:~~ In a chuck device wherein a chuck claw is removably mounted on an end of an
arm driven to perform a grasping action,

a chuck device wherein:

a cylindrically indented bearing surface is disposed on said arm;

a holding piece equipped with a cylindrical outer perimeter surface curved along said bearing surface is disposed on said bearing surface using a bolt;

a chuck bearing is disposed on said arm to receive reaction generated on said chuck claw during said grasping action;

said bearing surface is formed to connect with a side of said chuck bearing section that comes into contact with said chuck claw;

said bolt is set up to attach to said bearing surface in such a direction that, going toward a rear end of said arm, said bolt extends from said bearing surface toward a back surface relative to a side of said arm in contact with said chuck claw; and

an attachment base curved along said bearing surface and capable of being inserted between said support piece and said bearing surface disposed on said chuck claw;

a slit is formed on said attachment base of said chuck claw to allow said bolt to pass through;

an arm shaft rotatably supporting said arm is disposed behind said bearing surface;
and

said bolt is screwed in between said bearing surface and said arm shaft.

Claims 22-27 (Cancelled)